

Claims

1. A method for a company to manage a first worker and a second worker at a well site, wherein the first worker is associated with a first service vehicle adapted to facilitate performing a first service operation at the well site, and the second worker is associated with a second service vehicle adapted to facilitate performing a second service operation at the well site, comprising:

transporting a first computer to the well site using the first service vehicle;

placing a second computer at a remote location relative to the well site, wherein

the second computer is at least one mile away from the well site;

providing a wireless communication link between the first computer and the second computer;

entering into the first computer first employee data that suggests that the first worker associated with the first service vehicle is at the well site;

entering into the first computer second employee data that suggests the second worker associated with the second service vehicle is at the well site; and

communicating through the wireless communication link from the first computer to the second computer the first employee data and the second employee data, whereby the company at the second computer is made aware that the first worker, the first service vehicle, the second worker and the second service vehicle are at the well site.

2. The method of claim 1, further comprising:

using a transducer at the well site in a process related to the first service operation;

creating a first electrical signal from the transducer operating at the well site;

converting the first electrical signal to a first digital value;

storing the first digital value on the first computer; and

assigning a time stamp to the first digital value, thereby identifying at what time of day the transducer was operating at the well site, whereby the first employee data, the first

digital value, and the time stamp suggest that the first worker was actually working at the well site.

5 3. The method of claim 1, further comprising displaying on the first computer authorization that suggests that the company approves of the first worker working on the first service operation at the well site.

10 4. The method of claim 1, wherein the first service operation involves pumping a fluid.

15 5. The method of claim 1, wherein the first service operation involves manipulating at least one of a plurality of sucker rods and a plurality of tubing.

20 6. The method of claim 1, wherein the first service operation involves downhole logging.

25 7. The method of claim 1, wherein the second service operation involves pumping a fluid, and the first service operation involves manipulating at least one of a plurality of sucker rods and a plurality of tubing.

30 8. The method of claim 1, wherein the second service operation involves downhole logging, and the first service operation involves manipulating at least one of a plurality of sucker rods and a plurality of tubing.

9. The method of claim 1, further comprising entering into the first computer a well site identifier that indicates the well site that the first worker is at.

5 10. A method for a company to manage workers intended for doing a service operation at a well site, comprising:

transporting a first computer to the well site;

entering into the first computer employee data that suggests a first worker is at the well site;

10 using a transducer at the well site, wherein the transducer is operating in a process related to the service operation;

creating a first electrical signal from the transducer operating at the well site;

converting the first electrical signal to a first digital value;

15 storing the first digital value on the first computer; and

assigning a time stamp to the first digital value, thereby identifying at what time of day the transducer was operating at the well site, whereby the employee data, the first digital value, and the time stamp suggests that the first worker was actually working at the well site.

20 11. The method of claim 10, further comprising displaying on the first computer authorization that suggests that the company approves of the first worker working on the service operation at the well site.

25 12. The method of claim 10, further comprising placing a second computer at a remote location relative to the well site; providing a wireless communication link between the first computer and the second computer; and communicating the employee data through the wireless communication link from the first computer to the second computer,

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whereby the company at the second computer is made aware that the first worker is at the well site.

5 13. The method of claim 10, wherein the service operation involves pumping a fluid.

10 14. The method of claim 10, wherein the service operation involves manipulating at least one of a plurality of sucker rods and a plurality of tubing.

15 15. A method for a company to manage a first worker and a second worker at a well site, wherein the first worker is associated with a first service vehicle adapted to facilitate performing a first service operation at the well site, and the second worker is associated with a second service vehicle adapted to facilitate performing a second service operation at the well site, comprising:

transporting a first computer to the well site;

20 entering into the first computer first employee data that suggests that the first worker associated with the first service vehicle is at the well site;

entering into the first computer second employee data that suggests the second worker associated with the second service vehicle is at the well site; whereby the first employee data and the second employee data suggest that both the first service vehicle and the second service vehicle are at the well site;

25 using a first transducer at the well site in a process related to the first service operation;

creating a first electrical signal from the first transducer operating at the well site;

converting the first electrical signal to a first digital value;

storing the first digital value on the first computer;

assigning a first time stamp to the first digital value, thereby identifying at what time of day the first transducer was operating at the well site, whereby the first employee data, the first digital value, and the first time stamp suggest that the first worker was actually working at the well site;

5 using a second transducer at the well site in a process related to the second service operation;

creating a second electrical signal from the second transducer operating at the well site;

converting the second electrical signal to a second digital value;

10 storing the second digital value on the second computer;

assigning a second time stamp to the second digital value, thereby identifying at what time of day the second transducer was operating at the well site, whereby the second employee data, the second digital value, and the second time stamp suggest that the second worker was actually working at the well site;

15 placing a second computer at a remote location relative to the well site;

providing a wireless communication link between the first computer and the second computer;

communicating the first employee data through the wireless communication link from the first computer to the second computer, whereby the company at the second computer is made aware that the first worker is at the well site; and

20 communicating the second employee data through the wireless communication link from the first computer to the second computer, whereby the company at the second computer is made aware that the second worker is at the well site.

25 16. The method of claim 15, further comprising displaying on the first computer authorization that suggests that the company approves of the first worker working on the first service operation at the well site.

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19. The method of claim 15, wherein the second service operation involves downhole logging.